(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) EP 1 054 497 A3

(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
28.03.2001 Bulletin 2001/13

(43) Date of publication A2:
22.11.2000 Bulletin 2000/47

(21) Application number: **00303924.5**

(22) Date of filing: **10.05.2000**

(51) Int. Cl.[7]: **H02K 1/24**, H02K 3/487, H02K 15/00, B29C 67/14

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
Designated Extension States:
AL LT LV MK RO SI

(30) Priority: **17.05.1999 GB 9911445**

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(54) Method of manufacturing a component for a rotating machine, and a rotor including such components

(57) A component is provided for a rotating machine in which the component is built of an alternating sequence of "hoop" layers where a resin impregnated tap (4) is wound helically around a former, and "axial" layers where strips of tape are arranged parallel to the longitudinal axis of the component. These layers are then compressed and cured, before the component is machined to its final shape.

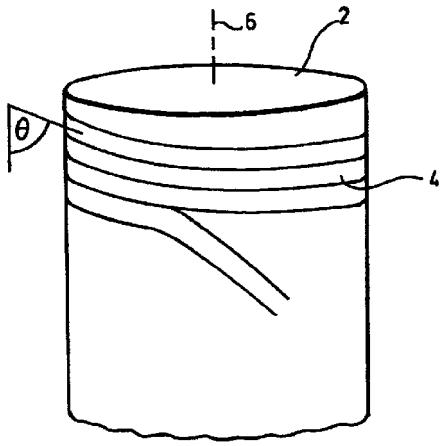


Fig.1.

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PARTIAL EUROPEAN SEARCH REPORT

which under Rule 45 of the European Patent Convention shall be considered, for the purposes of subsequent proceedings, as the European search report

Application Number EP 00 30 3924

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 4 661 183 A (BEARD DENNIS J) 28 April 1987 (1987-04-28) * column 3, line 53 - column 5, line 33; figures 1-4 *	1-3,5-19	H02K1/24 H02K3/487 H02K15/00 B29C67/14
A	US 5 457 870 A (CANDERS WOLF-RUEDIGER) 17 October 1995 (1995-10-17) * column 5, line 61 - column 8, line 35 *	1-3,5-19	
A	US 3 784 429 A (MULLER M) 8 January 1974 (1974-01-08) * column 4, line 37 - column 5, line 25; figures 1,2 *	1-3,5-19	
A	US 5 221 391 A (KITTAKA HIROKAZU ET AL) 22 June 1993 (1993-06-22) * column 4, line 21 - line 64; figures 1-3 *	1-3,5-19	

TECHNICAL FIELDS SEARCHED (Int.Cl.7)

H02K
B29C

INCOMPLETE SEARCH

The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for these claims.

Claims searched completely :

1-3,5-19

Claims searched incompletely :

Claims not searched :

4

Reason for the limitation of the search:

The expression "relatively narrow" is not clear and a meaningful search is not possible.

Place of search	Date of completion of the search	Examiner
MUNICH	11 January 2001	Tangocci, A

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
Y : particularly relevant if combined with another document of the same category
A : technological background
O : non-written disclosure
P : intermediate document

T : theory or principle underlying the invention
E : earlier patent document, but published on, or after the filing date
D : document cited in the application
L : document cited for other reasons

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EPO FORM 1503 03.82 (P04C07)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 00 30 3924

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82